

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-704 Rev. E
REF. TCCA STC: SH93-34
REF FAA STC: SR00957NY
REF EASA STC: IM.R.S.00696

1.0 PURPOSE

It has come to Dart's attention that the D412-704-015 Copilot's Emergency Cargo Release Kit at CHG 003 may require the addition of a shim underneath of the D3208-9 Doubler to facilitate the installation on the inboard side of the RBL 14.00 Web.

2.0 PROCEDURE

If the D3208-9 Doubler does not sit flush on the inboard side of the RBL 14.00 Web (ref. Figure 1 of this Service Instruction), fabricate and install a shim as follows:

2.1 Fabricate a shim from 2024-T3 aluminum per AMS-QQ-A-250/4 or AMS 4037. The shape and thickness of the shim must completely fill the gap beneath the D3208-9 Doubler. Apply chemical film (Alodine 1200/1201) to shim per MIL-C-5541.

2.2 Install the D412-704-015 Kit per IIN-D412-704, however amend Section 3.2.10 k) as follows:

3.2.10 k) Refer to Figure 1 of this Service Instruction. Trim D3207-5 Bracket as required and position with D3208-11 Filler on outboard side of RBL 14.00 Web. Position the fabricated shim underneath the D3208-9 Doubler on the inboard side and install using MS20470AD4 rivets.

3.0 WEIGHT & BALANCE

This Service Instruction has a negligible effect on Weight and Balance.

4.0 MAINTENANCE

Maintain installation per ICA-D412-704.


CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
C. PROVENCAL (DE # 03)

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CERT. NO.: SH93-34
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MFG. APPR.	N/A	DSI 9823	SHEET 1 OF 2
APPROVED	VS	TITLE	SCALE
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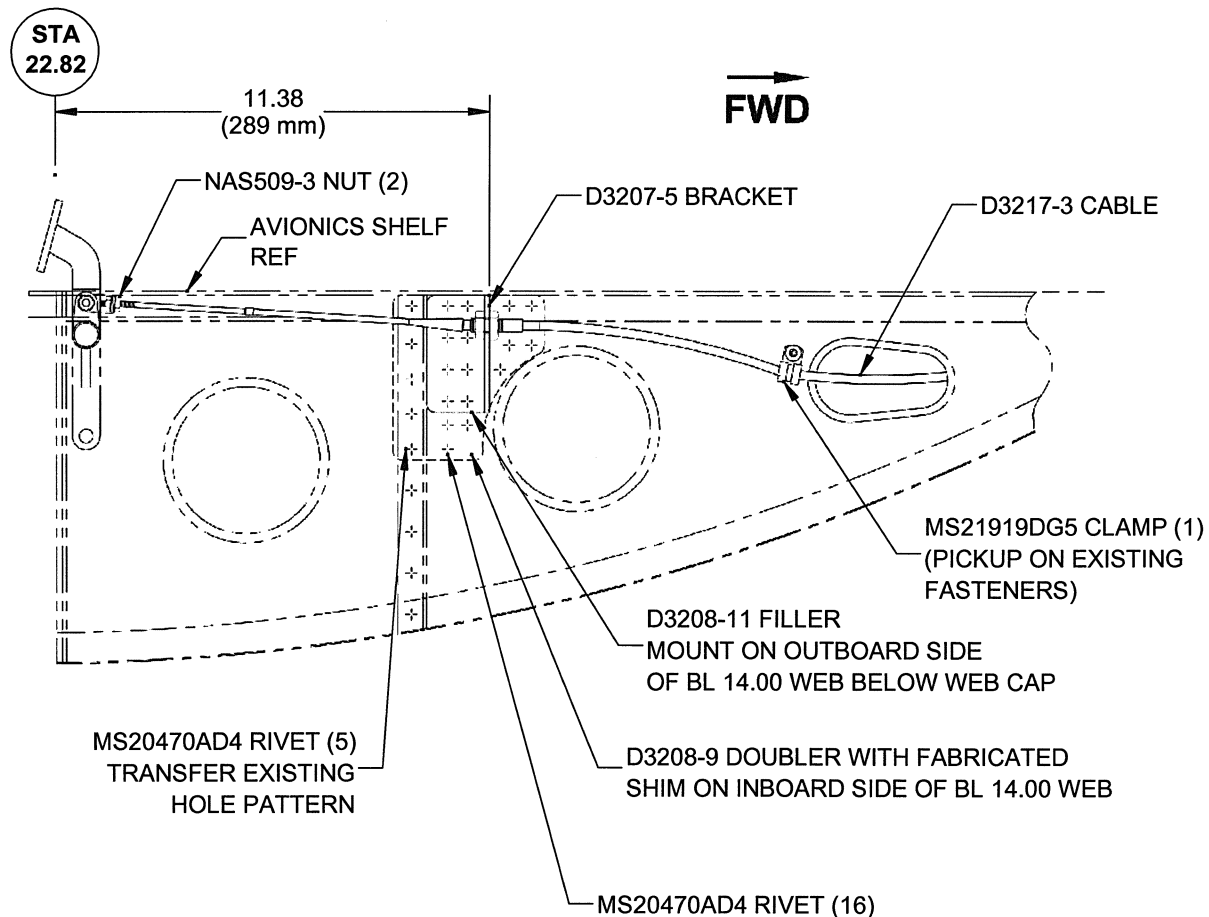


FIGURE 1. NEW SHIM INSTALLATION AT RBL 14.00 WEB
VIEW LOOKING INBOARD FROM RH SIDE

APPROVED

DESIGN	RF
DRAWN	RF
CHECKED	VS
MFG. APPR.	N/A
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DE APPR.	CP
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REV. A
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TITLE
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